

REMARKS

Claims 1-15 are pending in the application. Claims 1, 6 and 10 have been amended. Support for the amendments may be found within the entirety of the specification, and particularly at pages 2-4.

All pending claims have been deemed anticipated pursuant to 35 U.S.C. § 102 by U.S. Patent 6,046,712 to Beller. Reconsideration and allowance of the claims in light of the amendments and remarks herein are respectfully requested.

I. Rejection Under 35 U.S.C. § 102

Independent claims 1 and 10

Independent claim 1 is directed to a method for viewing data associated with one or more objects within a field of view of a human operator. Independent claim 10 is directed to a method for coordinating the movement of human workers in a working environment. The methods of both claims 1 and 10 includes, *inter alia*, “automatically detecting one or more visual markers within the image through the use of pattern recognition.” The visual markers are associated with and proximate to an object within the field of view of the operator. The specification at pages 2 and 6, describes that when a visual marker is within a field of view of the camera, the wearable computer system can “see” and identify the visual marker. The specification at pages 3 and 7 describes that computer may include a “pattern recognition system” to see the visual marker. Accordingly, the method of claims 1 and 10 include the limitation for “automatically detecting one or more visual markers within the image through the use of pattern recognition.”

Beller relates to a head-mounted communication system that provides interactive visual and audio communications between a user of the head-mounted display and a human operator of a remote system. (Abstract; col. 1, ll. 58-62). Beller discloses that the human operator sees the changing view of the user and adds marks or other inputs to a real-time image picked up by a camera and depicted on the remote display so as to identify a particular object within the picked-up image of the real world. (col. 2, ll. 16-22) The picked-up image, modified with the remote human operator's marks, is transmitted back to the head-mounted display and displayed thereon. (col. 2, ll. 39-51). Therefore, Beller discloses that the picked-up images may be manually marked by a remote human operator, so that the marked-up image may be transmitted back to a user of a head-mounted display. Because the modified picked up image is retransmitted to the user of the head-mounted display, the process of Beller is dependent on the user maintaining his head stationary or realigning his head so that the modified picked up image is the same as the modified image at the remote terminal. (col. 2, ll. 39-59; col. 8, ll. 38-67).

Beller does not describe "automatically detecting one or more visual markers within the image through the use of pattern recognition." Rather, Beller describes that the remote human operator manually marks or modified the picked-up images and those images are retransmitted back to the user. Because the system of Beller does not use pattern recognition and instead relies on the retransmission of a modified picked up image from the remote operator, the user of the head-mounted display of Beller must maintain his head stationary or realign his view to the view of the picked up image that was marked up by the remote

operator and retransmitted back to the user. Accordingly, Applicant respectfully requests reconsideration of the rejection of claims 1 and 10.

Independent claim 14

Independent claim 14 is directed to a system for viewing data. The system includes, *inter alia*, “a wearable computer system having logic capable of detecting one or more visual markers within the field of view of the camera, determining an identifier associated with the marker, and wirelessly transmitting the identifier to a computer network and wirelessly receiving data associated with the identifier from the computer network.” As discussed, the specification describes that the wearable computer system identify the visual marker.

As discussed, the Beller reference discloses that a remote human operator sees the changing view of the user and adds marks up an image picked up by the camera and depicted on the remote display so as to identify a particular object within the picked-up image of the real world. (col. 2, ll. 16-22). The marked-up image may be retransmitted to the user of the head-mounted display. Therefore, Beller describes that the human operator marks up an image and does not describe a computer having logic for detecting visual markers. Accordingly, Applicant respectfully requests reconsideration of the rejection of claim 14.

Dependent claims 2-9, 11-13, and 15

For similar reasons, Beller also fails to disclose the limitations of claims 2-9 and 11-13 and 15, which depend from claims 1, 10 and 14, respectively. As discussed above, Beller does not disclose or suggest the limitations for claims 1, 10 and 14, and therefore, Beller also does not disclose the limitations for claims 2-9, 11-13, and 15. Accordingly, withdrawal of the rejection of claims 2-9, 11-13 and 15 is respectfully requested.

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Claim 6 has been amended to correct typographical errors and to more clearly recite the claimed invention. Support for this amendment may be found throughout the specification and drawings, and in particular, at page 2, lines 4-6. Accordingly, Applicant respectfully requests favorable consideration of claim 6.

New claims 16-20

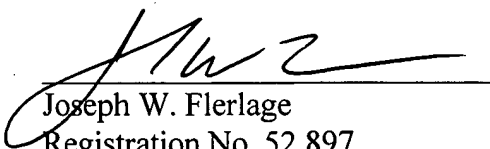
Applicant has added new claims 16-20, each of which depend from independent claim 14 and describe various embodiments set forth in the specification that are not found, disclosed, or suggested in the cite art. Support for new claims 16-20 may be found throughout the specification and drawings, and in particular, at pages 4 and 6. Applicant, therefore, earnestly solicits consideration of claims 16-20 and allowance thereof.

CONCLUSION

In view of the foregoing amendments and reasons, withdrawal of the pending rejection is respectfully requested and allowance of all pending claims is earnestly solicited. If the examiner believes that a telephone conference would expedite allowance of the application, the examiner is invited to call the undersigned.

Respectfully submitted,

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